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Listing of the Claims:

system comprising the steps of:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

1 (Currently Amended). A distributed method for processing auction traffic

using one or more servers at a plurality of nodes in a distributed processing

4	using a computer implemented current local winner determination
5	method at each of the nodes to quickly identify loser bids and candidate
6	winning bids; and
7	using a computer implemented current global winner determination
8	method to determine from the candidate winning bids from each of nodes a
9	current set of winners.
1	2 (Original). The method of claim 1, wherein the auction is an open-cry
2	auction.
1	3 (Currently Amended). The A distributed method of claim 2 for processing
2	open-cry auction traffic using one or more servers at a plurality of nodes in a
3	distributed processing system comprising the steps of:
4	using a current local winner determination method at each of the nodes
5	to identify loser bids and candidate winning bids, wherein the current local
6	winner determination method comprises the steps of:

(a) receiving a new bid(v,q) at a node, where v denotes the price per

(b) checking to see if the new bid ranks in the top |N/q| bids, in terms

of price/unit bid value, amongst all the bids asking for quantity

q whose information is available to this process, where N is a

unit and q denotes the quantity desired;

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and

loser.

greatest integer less than or equal to x;

number of copies of a single item on sale and |x| stands for the

(c) taking the new bid along with the set of |N/q| bids that have been

processed and determining a new set of top |N/q| bids;

using a current global winner determination method to determine from

determining whether the new candidate bid(v,q) is a winner or a loser;

notifying the bidder of bid(v,q) as to whether they are a winner or

declaring it a loser bid, but if so, declaring it a candidate bid;

(d) determining if bid(v,q) is in the top $\lfloor N/q \rfloor$ bids and, if it is not,

the candidate winning bids from each of the nodes a current set of winners.

	1	4 (Original). The method of claim 3, further comprising the steps of:
	2	holding the candidate bid at the node for a time, τ ; and
	3	if by time τ , through an arrival of another bid, a candidate bid loses its
	4	position amongst the top $\lfloor N/q \rfloor$ highest bids, declaring the bid a loser bid;
1	5	otherwise, declaring the bid a winner candidate and making the bid
χ (6	accessible for further processing by the current global winner determination
,	7	method.
	1	5 (Original). The method of claim 4, wherein the current global winner
	2	determination method comprises the steps of:
	3	receiving new candidate winning bid from a node $bid(v,q)$;
	4	taking the candidate winning bid along with the set of all bids that

have been processed and determines a new set of winners;

and



1	6 (Currently Amended). The A distributed method of claim 2 for processing
2	open-cry auction traffic using one or more servers at a plurality of nodes in a
3	distributed processing system comprising the steps of:
4	using a current local winner determination method at each of the nodes
5	to identify loser bids and candidate winning bids, wherein the current local
6	winner determination method comprises the steps of:
7	(a) receiving a new bid (v,q) at a node, where v denotes the price per
8	unit and q denotes the quantity desired;
9	(b) considering a set of bids using a set of pre-specified auction rules
10	and selecting winners for auctioning $N+x$ copies of the item on
11	sale; and
12	(c) determinating whether the $bid(v,q)$ is a candidate winner bid : and
13	using a current global winner determination method to determine from
14	the candidate winning bids from each of the nodes a current set of winners.
1	7 (Original). The method of claim 6, wherein the current global winner
2	determination method comprises the steps of:
3	receiving new candidate winning bid from a node $bid(v,q)$;
4	taking the candidate winning bid along with the set of all bids that
5	have been processed and determines a new set of winners;
6	determining whether the new candidate $bid(v,q)$ is a winner or a loser;
7	and
8	notifying the bidder of $bid(v,q)$ as to whether they are a winner or
9	loser.
1	8 (Original). The method of claim 1, wherein the auction is a descending
2	auction.



1	9 (Currently Amended). The A distributed method of claim 8 for processing
2	descending auction traffic using one or more servers at a plurality of nodes in
3	a distributed processing system comprising the steps of:
4	using a current local winner determination method at each of the nodes
5	to identify loser bids and candidate winning bids, wherein the current local
6	winner determination method comprises the steps of:
7	(a) receiving a bid (q) for processing, where q is the quantity desired at
8	going price p;
9	(b) determinating whether the bid is in the first $\lfloor R/q \rfloor$ bids, asking for
10	quantity q at price p, where $\lfloor x \rfloor$ stands for the greatest integer
11	less than or equal to x and R is a currently remaining quantity
12	on auction;
13	(c) if the bid is in the first $\lfloor R/q \rfloor$ bids, asking for quantity q at the going
14	price p , then declaring the bid a candidate winner bid; and
15	(d) making the candidate winner bid available for further processing
16	by the current global winner determination method; and
17	using a current global winner determination method to determine from
18	the candidate winning bids from each of the nodes a current set of winners.
1	10 (Original). The method of claim 9, further comprising the steps of:
2	giving bids processed by the method a time stamp of arrival; and
3	determining whether the time stamp, if it exists on the bid, is greater
4	than or equal to the time stamp of any bid, asking for quantity q at going price
5	p, that has been processed by the method in the past.

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11 (New). The method of claim 1, wherein bidders submit multi-item bids and the bids may be indivisible.